

[INCH-POUND]
A-A-55469/1B
7 April 1995
SUPERSEDING
A A 55469/1A
2 March 1995

COMMERCIAL ITEM DESCRIPTION

CONNECTORS, ELECTRICAL, PLUGS, TIP, SINGLE, (BANANA PLUG)

The General Services Administration has authorized the use of this commercial item description (CID) for all federal agencies.

The complete requirements for acquiring the connectors described herein shall consist of this document and CID A-A-55469.

1. SCOPE. This CID covers the general requirements for test point plugs and banana plugs for use in electrical and electronic equipment. The test point connectors covered by this CID are primarily for use in airborne, ground support, and shipboard electrical and electronic equipment, for test purposes only. They are not intended for use as an integral part of the equipment for which the overall system operation is dependent. Connectors covered by this CID are intended for commercial/industrial applications and shall not be used in military systems needing stringent environmental and electrical requirements.

2. CLASSIFICATION. This CID uses a classification system which is included in the Part Identification Number (PIN) as shown in the following example (see 7.1). The following part identification numbering procedure is for Government purposes and does not constitute a requirement for the contractor.

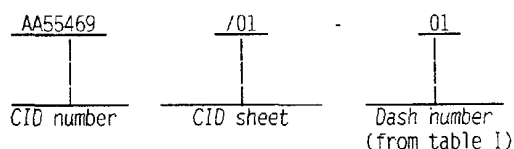
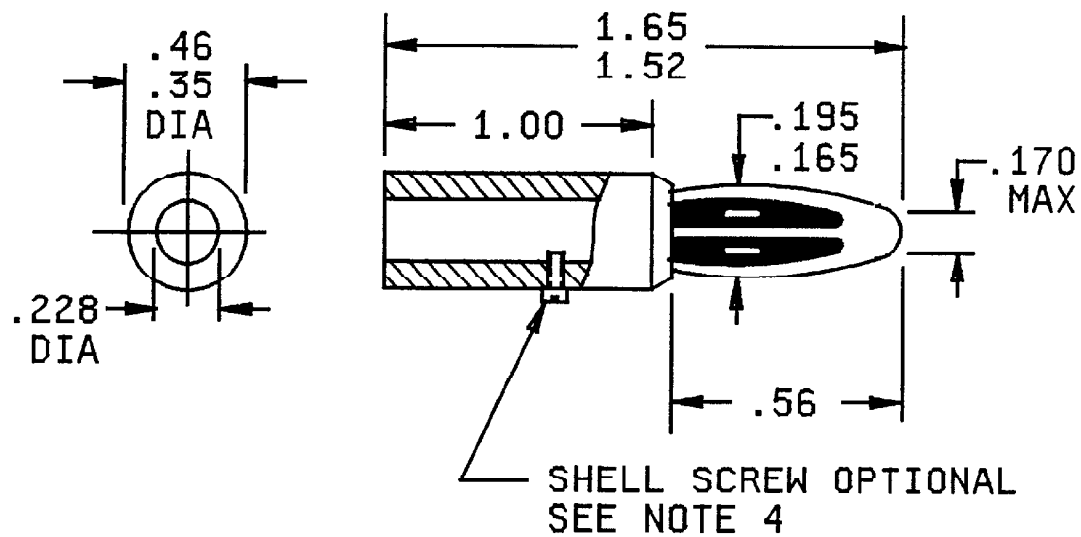


TABLE I. Design and identification data.

Dash number AA55469/01-	Color	Current rating (amperes, maximum)	Contact resistance (milliohms, maximum)
01	Black	5	10
02	Red	5	10
03	Black	15	10
04	Red	15	10

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent to: Defense Electronics Supply Center, ATTN: DFSC-ELDI, 1507 Wilmington pike, Dayton OH 45444-5765, or telephone (513) 296-5391, or facsimile (FAX) (513) 296-8868.



Inches	mm
.170	4.32
.195	4.95
.228	5.79
.35	8.9
.46	11.7
.56	14.2
1.00	25.4
1.52	38.6
1.65	41.9

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are $\pm .010$ (0.25 mm) for three-place decimals and $\pm .03$ (0.8 mm) for two-place decimals.
4. When set screw is used, the head shall be below the surface of the insulating material.

Figure 1. Configuration and dimensions.

3. SALIENT CHARACTERISTICS.

3.1 CID sheet. The electrical connectors shall be in accordance with the requirements specified herein in addition to the salient characteristics of A-A-55469.

3.2 Design, construction, and dimensions. Design, construction, and dimensions shall be as specified on figure 1 and table 1.

3.3 Contact current rating. Contact current rating shall be as specified in table 1.

3.4 Contact resistance. Contact resistance shall be as specified in table 1.

3.5 Dielectric withstanding voltage (at sea level). Dielectric withstanding voltage (at sea level) shall be 3,500 V rms at 60 Hz.

3.6 Operating voltage. Operating voltage is 300 volts rms, 60 hertz at sea level, 5,000 V dc maximum.

4. REGULATORY REQUIREMENTS. This section is not applicable to this CID.

5. QUALITY ASSURANCE PROVISIONS. Shall be as specified in CID A-A-55469.

5.1 Certificate of compliance. Each contractor desiring to be listed as a suggested source of supply shall submit a DFSC certificate of compliance to DFSC-ELDI. This certificate shall state that the contractor's product meets all the requirements of this CID. In addition, a certificate of compliance shall accompany all test point connectors supplied to this CID.

6. PACKAGING.

6.1 Preservation, packing, and marking. Preservation, packing, and marking shall be as specified in the contract or order.

7. NOTES

7.1 Part Identification number (PIN). The PIN procedure is for government purposes and does not constitute a requirement for the contractor. See section 2 for PIN format example.

7.2 Source of document.

Commercial Item description

A-A-55469 - Connectors, Electrical, Plugs.

(Copies of commercial item descriptions are available from the Defense Printing Service Detachment Office, Building 4D (Customer Service), 700 Robbins Avenue, Philadelphia, PA 19111-5094.)

7.3 Government users. To acquire information on obtaining these test point connectors from the Government inventory system, contact Defense Electronics Supply Center, ATTN: DESC-EON, 1507 Wilmington Pike, Dayton, OH 45444-5522, or telephone (513) 296-8436.

7.4 Ordering data. Ordering data shall be as specified in A-A-55469.

7.5 Supersession data. This CID supersedes MIL-C-28901/1.

7.6 Suggested sources of supply. Suggested sources of supply are listed below. Additional sources will be added as they become available. The vendors listed have submitted a certificate of compliance to DESC-ELDI and meet the market acceptability requirements of this CID.

TABLE III. Suggested sources of supply.

CID PIN AA55469/01-	Vendor commercial PIN <u>1/</u>		Applicable NSN
	CAGE code	Vendor commercial PIN	
01 <u>2/</u>	74970	108-1723-101	Inactive, use -03
	91967	211-103	
02 <u>2/</u>	74970	108-1722-101	Inactive, use -04
	91967	211-102	
03	74970	108-1723-101	5935-01-230-0412
	91967	211-103	
04	74970	108-1722-101	5935-01-245-9359
	91967	211-102	

1/ Mark using standard commercial practice using the commercial PIN's.

2/ Inactive. Fifteen ampere item is to be used in lieu of 5 ampere item. Same form, fit, and function.

Vendor CAGE
number

74970

Vendor name
and address

E. F. Johnson
299 Johnson Ave.
Waseca MN 56093

91967

NT-T Smith
632 Arch St.
Meadville PA 16335

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

PREPARING ACTIVITY:

DLA-ES

Project 5935-0545